

AMPRO™

Easy to use, Low Toxicity, Solvent-free
Multi-purpose Epoxy System for Coating,
Bonding, Laminating and Filling



THE PROFESSIONALS' CHOICE

Introduction to AMPRO™ Multi-purpose System

AMPRO™ is an award winning, latest generation multi-purpose epoxy system from Gurit. It is a simple to use, all-purpose epoxy which can be used for bonding, coating, laminating and filling.

AMPRO™ provides a quick and convenient way of using one epoxy system for a wide range of tasks.

Key features include:

- **Professional:** boat-builder's choice for bonding, laminating and filling
- **Safer:** uses lower toxicity chemicals with low hazards
- **Stronger:** more flexible resin matrix ideal for working with wood
- **Tack-free:** no surface residue when cured and does not clog sandpaper
- **Water-proof:** AMPRO™ SILICA has been optimised to withstand the marine environment
- **Wide over-coating window:** up to 4 days later without additional surface preparation
- **Faster:** improved cure at temperatures as low as +5°C
- **Glossier:** improved coating performance with reduced surface defects
- **Cardboard outer packaging:** less single use plastics
- **Greener:** accredited, bio-based option using a high content of plant based chemicals
- **Simplified:** Four unique systems with inter-changeable hardeners and the same 3:1 mix ratio

Health and Safety Focus

AMPRO™ has been developed using the same approach as for the award winning Ampreg™ 3X Series, prioritising user health and safety through careful selection of base chemicals. The new low toxicity resin matrix is CMR & SVHC** free.

Gurit carefully selects chemicals used in our formulations to ensure the lowest possible risk of future reclassification - securing the safety of our products and health and safety of end users. This approach is part of Gurit's philosophy. As a responsible and sustainable supplier we aim to support, protect and forewarn our customers of potential changes.

Making Epoxies Easier to Use

Gurit AMPRO™ has been developed with the end user in mind, trying to remove some of the perceived barriers:

- Simple, easy to follow, how-to videos available on www.gurit.com for mixing, laminating, filling, bonding and coating with AMPRO™. Scan the QR code for link.
- Combining products into a single, multi-use system allowing the user to bond, fill, laminate & coat easily
- Introducing recyclable outer packaging with easy to understand labels and selector guides



** CMR = Substances classified as Carcinogenic, Mutagenic or toxic for Reproduction
SVHC = Substances of Very High Concern

One System, Many Uses...

AMPRO™ consists of inter-changeable resins, blend-able hardeners and additives for many uses. The following table provides a step by step guide to choosing the right AMPRO™ system.

The components you need will depend on your application...	Coating, Sheathing, or Laminating		Filling, Fairing or Bonding	
	A + B		A + B + C	
A Select the right system...	AMPRO™	AMPRO™ CLR	AMPRO™ BIO	AMPRO™ SEAL
Low temperature curing	✓	✓		
Clear coating		✓		✓
Grain enhancing wood coating	✓		✓	
Bio-based content	<10%		40 - 60%	40 - 60%
Sealing & priming porous surfaces				✓
Filling, Fairing or Bonding	✓	✓	✓	

B Select the hardener speed...	Fast	F	Slow	S	Extra-Slow	XS
Working time with a brush at 20°C	1- 2 hours		4 - 5 hours		5 - 6 hours	
50g pot-life in air at 20°C	½ hour		1 hour		1½ hours	

C Select the additive(s)...		Micro Balloons	MB	Glass Bubbles	GB	Micro Fibres	MF	AMPRO™ Silica	AS
Filling & Fairing Mixes	Easy to sand, filling and filleting for cosmetic wood applications	✓						✓	
	Water-proof or lowest-cost filler for general applications			✓				✓	
	Hard surface finish filler for hard wearing edges and surfaces			✓				✓	
Bonding Mixes	General bonding of softwood, brown in colour	✓						✓	
	General bonding of softwood, white in colour			✓				✓	
	Structural bonding of wood or composite, opaque in colour					✓		✓	

AMPRO™ Hydrophobic Colloidal Silica

AMPRO™ has been optimised to stand-up to the rigours of the marine environment. As well as improved UV and yellowing resistance, we have introduced a new improved colloidal silica:

- Naturally water-resistant / hydrophobic making it more suited for marine applications
- Lower loading levels compared to traditional silica, up to 2% reduction by weight
- Traditional silica has been found to be a less effective thickener with AMPRO™ than with legacy systems.

Accreditations

AMPRO™ BIO and AMPRO™ SEAL are formally accredited by TÜV OK Bio-based products. AMPRO™ BIO and AMPRO™ SEAL resins have achieved a 2 star rating, and the AMPRO™ hardeners have achieved a 1 star rating. This equates to 40-60% or a 2 star rating as a mixed system.



AMPRO™ Fast, Slow and Extra-slow hardeners



AMPRO™ BIO and AMPRO™ SEAL resins



Availability

Gurit® AMPRO™ is available in a wide range of sizes from small packs to drums and IBC containers.

AMPRO™ Multi-purpose System Order Codes

Resin and Hardener Pack Sizes	Fast	Slow	Extra Slow
AMPRO™ 6 x 1.33KG Pack	F530-057	F530-058	F530-059
AMPRO™ 4.2KG Pack	F530-026	F530-028	F530-030
AMPRO™ CLR 6 x 1.33KG Pack	F530-063	F530-064	F530-065
AMPRO™ CLR 4.2KG Pack	F530-050	F530-052	F530-054
AMPRO™ BIO 6 x 1.30KG Pack	F530-060	F530-061	F530-062
AMPRO™ BIO 4.1KG Pack	F530-032	F530-034	F530-036
AMPRO™ SEAL 6 x 1.3KG Pack	F530-069	F530-067	-
AMPRO™ SEAL 4.1KG Pack	F530-070	F530-068	-

Resin Component Sizes	1000 KG	200/206 KG	20 KG	10 KG
AMPRO™ Resin	F530-008	F530-007	F530-006	F530-005
AMPRO™ BIO Resin	F530-012	F530-011	F530-010	F530-009

Hardener Component Sizes	200 KG	20 KG	6 KG	3 KG
AMPRO™ Fast Hardener	F530-016	F530-015	F530-014	F530-013
AMPRO™ Slow Hardener	F530-020	F530-019	F530-018	F530-017
AMPRO™ Extra-Slow Hardener	F530-024	F530-023	F530-022	F530-021
AMPRO™ CLR Fast Hardener	F530-040	F530-039	F530-038	F530-037
AMPRO™ CLR Slow Hardener	F530-044	F530-043	F530-042	F530-041
AMPRO™ CLR X-Slow Hardener	F530-048	F530-047	F530-046	F530-045

Ancillary Component Sizes	1/2 Litre	3 Litres	5 Litres	Note
AMPRO™ Microfibres	A215-004	-	A215-003	All quantities are approximate due to the low density nature of the fillers. Larger sizes are available on request.
AMPRO™ Colloidal Silica	A220-007	-	A220-008	
AMPRO™ Microballoons	A225-002	A225-003	-	
AMPRO™ Glass Bubbles	A230-005	A230-001	-	

Further Information

For more detailed information on the AMPRO™ Multi-Purpose range, as well as the complete Gurit product portfolio, please visit: www.gurit.com

For technical support, please contact technical.support@gurit.com

For pricing or other enquiries, please contact uk-customer.support@gurit.com